OFFICE OF THE INSPECTOR GENERAL
F-99 5-YEAR IT PLAN
EXECUTIVE SUMMARY

The OIG has had several major information technology (IT) accomplishments in Fiscal Year (FY) 1998. The OIG continued to invest in IT to accomplish the goals and objectives of the OIG. The OIG purchased new IT hardware and software to ensure continued efficient and effective operation for the present and future. The following is a brief summary of the OIG's accomplishments for FY 1998 and initiatives for FY 1999.

The OIG upgraded the standard OIG workstation with new and enhanced hardware and software. The OIG standard desktop operating system was upgraded from Windows 3.1 to Windows NT (4.0). The OIG standard desktop office suite was upgraded from Microsoft Office Professional 4.3 to Microsoft Office Professional 97. The OIG purchased new IBM 333 MHz Pentium desktop machines with 96-Mb memory to replace outdated 486 desktop machines.

The OIG purchased and installed new portable computers for the OIG investigators and OIG auditors. The OIG investigation standard portable computer is a Dell Pentium running Windows NT with a docking station for local area network (LAN) access. The OIG audit standard portable computer is an IBM Pentium running Windows 95 with CD-ROM and dial-up networking access. The OIG also upgraded its IBM 486 machines with new hard drives and memory. All OIG portables are standardized with Microsoft's Office Professional 97 software.

The OIG also enhanced its wide area network (WAN) infrastructure and LAN infrastructure. The OIG replaced a Cisco AGS router with a new Cisco 7206 router and added Cambridge. MA and Los Angeles, CA to its frame-relay WAN. The Headquarters LAN was upgraded with 10/100 Cisco switches and 10/100 network cards on OIG workstations.

Significant progress was also made towards the successful implementation of the Transportation Inspector General Reporting (TIGR) system during FY 1998. The Audits, Investigations, Hotline, Travel, Time, and Correspondence Control modules of the system were completed and moved into the production environment so they could be evaluated against results of the older information system. The past ten years of historical data for all audit, investigative, and hotline cases was extracted from the older information system and converted into the TIGR system. The physical and logical architecture was finalized and connectivity was established for each of the ten geographically dispersed regional offices. The ad hoc query application was upgraded at the server level to facilitate advanced queries for those with little knowledge of the data base structure.In FY 1999 the OIG does not anticipate any major IT software or hardware procurements. The IT emphasis for FY 1999 will be to standardize the hardware and software platforms and ensure all hardware and software is current, compatible, and Y2K compliant. The OIG is planning on converting its E-mail system from Microsoft Mail to Microsoft Exchange. The OIG is also redesigning its web site to make it easier to use. During the FY 1999, the Training module of the system will be completed, a historical data conversion will be performed for all remaining modules, client workstations will be upgraded with the new ad hoc query application, and various tuning and administrative tasks will be performed at the data base core level. The user's guide, which is being developed in-house, will be completed and a training

course will be presented for all employees. The OIG has also canceled the OIG Investigative Document Management System initiative, and have found alternate.

FY-99 5-YEAR IT PLAN

INITIATIVE ID: OIGOO001   **OA:** OIG

ORGANIZATION/ENTITY (OA OFFICE SYMBOL - PHONE BOOK CODE):   JM-10

TITLE OF PROGRAM/PROJECT:

OIG MANAGEMENT INFORMATION SYSTEM (MIS) - REPLACEMENT PROJECT

TOTAL LIFE CYCLE COST (IN $000): $2,614

DESCRIPTION:

The Office of Inspector General (OIG) entered into an interagency work agreement with the Transportation Administrative Service Center (TASC) effective September 15, 1995. This work agreement charges TASC with the implementation of a MIS resembling the system currently utilized by the Tennessee Valley Authority (TVA) OIG. TASC has contracted with DynCorp to convert the current IBM mainframe-based information system into an IBM client/server architecture based on WAN/LAN technology. The information system will be moved from a FOCUS-based database language to a modern Oracle-based personal computer system. The OIG MIS tracks the audit and investigative results.   The system is in the final stage of development. The Transportation Inspector General Reporting (TIGR) system will be implemented on October 1, 1998. At that time the old MIS will be retired and the new system will support the information needs of the OIG.

JUSTIFICATION - PERFORMANCE AND SAVINGS:

The old Management Information System (MIS) was not Y2K compliant and did support the information requirements of the OIG. The new TIGR system is Y2K compliant and will support the current and future OIG requirements.

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CONTRACT STRATEGY:

The Office of Inspector General (OIG) entered into an interagency work agreement with the Transportation Administrative Service Center (TASC) effective September 15, 1995 to develop a new management information system. This agreement charges TASC with the implementation of a MIS resembling the system currently utilized by the Tennessee Valley Authority (TVA) OIG. TASC has contracted with DynCorp to convert the current IBM mainframe-based information system into an IBM client/server architecture based on WAN/LAN technology.